

ENERGY EFFICIENCY IN NEW HOUSING

Site practice for tradesmen

Pitched roofs:

Insulating a room in the roof



Insulation to a room in the roof construction can either follow the profile of the room, or be placed between the rafters from eaves to ridge. As with a conventional pitched roof it is important that the ventilation path from eaves to ridge is not blocked. A minimum clear space of 50 mm should be maintained between the insulation and underside of the sarking.

Place insulation between the rafters in widths sized to fit tightly. Do not compress insulation into the ventilation air space. If necessary, fix additional battens to accommodate the full thickness of insulation. Insulation should be trimmed to fit neatly around bracing.

To help ensure a successful installation, follow the points on the back of this leaflet.

REMEMBER
Insulation should not be
compressed between rafters

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Energy Efficiency Office
DEPARTMENT OF THE ENVIRONMENT

POINTS TO FOLLOW

- Insulation should be installed between rafters and wall studs in correctly sized widths to fit tightly
- Do not compress insulation between rafters. Fix additional battens to accommodate full thickness of insulation
- Insulation should be installed prior to plasterboard being fixed. Do not attempt to push insulation into roof space
- Follow points in EEO Good Practice Guide 109 for installation of eaves insulation and ventilator



Install a proprietary eaves ventilator to maintain a clear ventilation path



Install battening on the rafters to ensure a clear air path is maintained



With plastic insulation cut boards to profile of the roof



Install insulation with no gaps

Ensure vapour barrier is continuous from ceiling to wall



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